

FIG. 1A

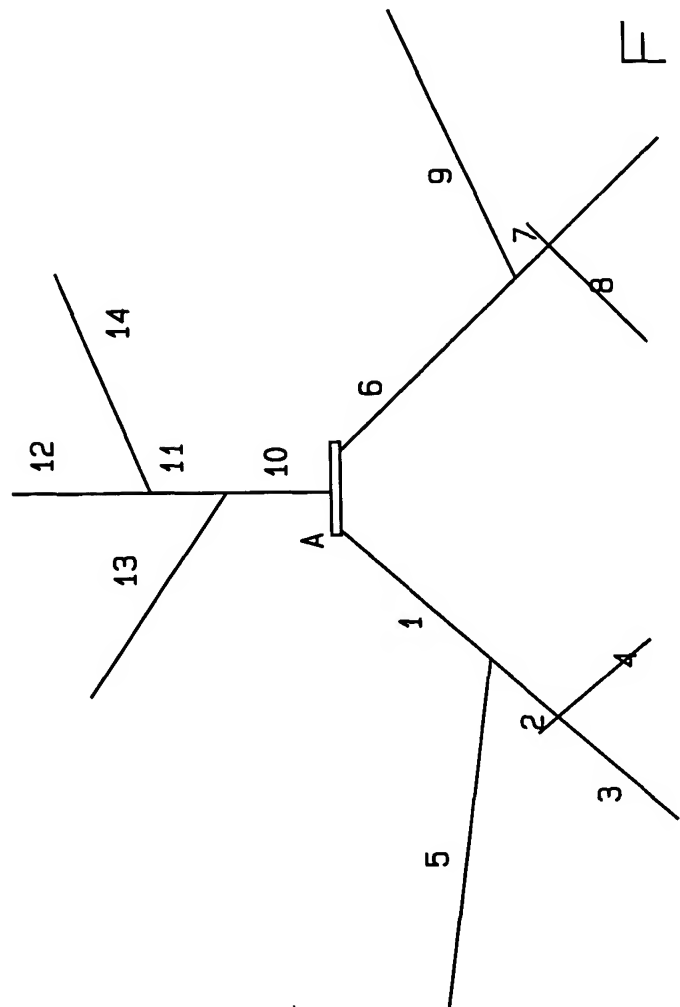


FIG. 1B

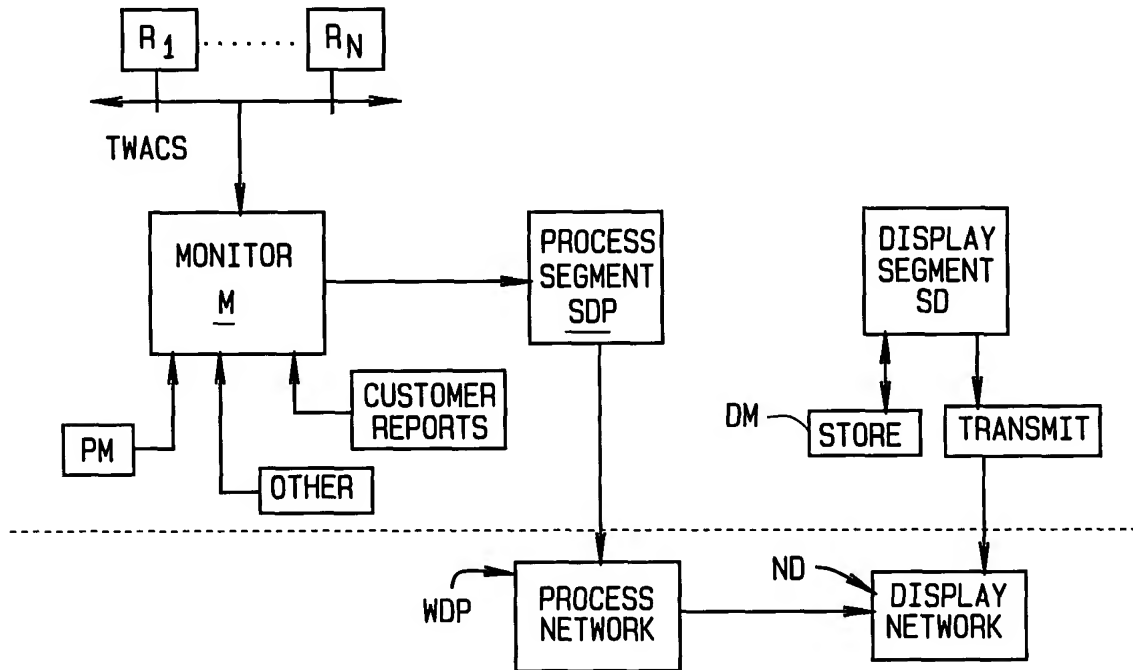


FIG. 2

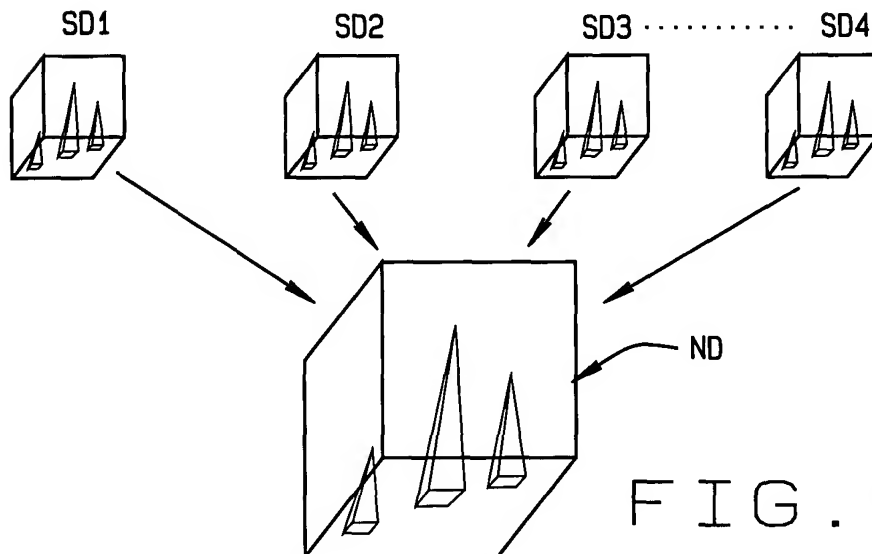


FIG. 4

QUALITY OF SERVICE TERRAIN MAP FOR UTILITIES
 Attorney: J. Joseph Muller - (314) 872-8118

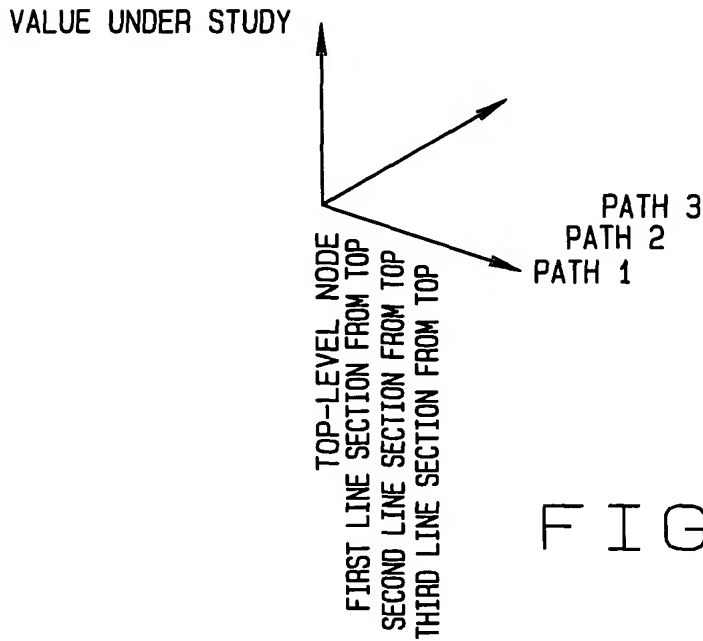


FIG. 3A

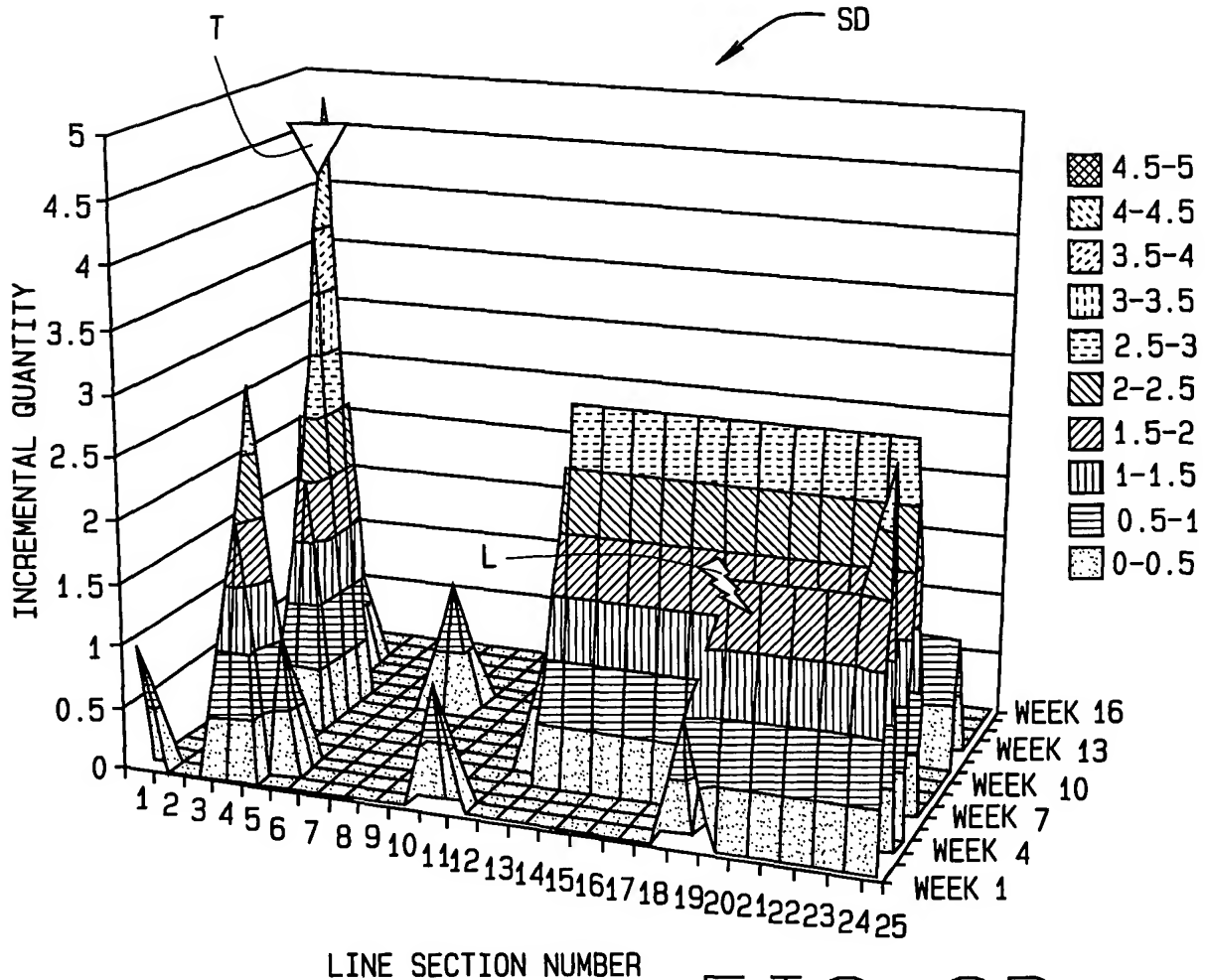


FIG. 3B

INVENTOR: David Haynes
 DN: DCS 8705 US
 Express Mail No. EL 978718876 US

QUALITY OF SERVICE TERRAIN MAP FOR UTILITIES
 Attorney: J. Joseph Muller - (314) 872-8118

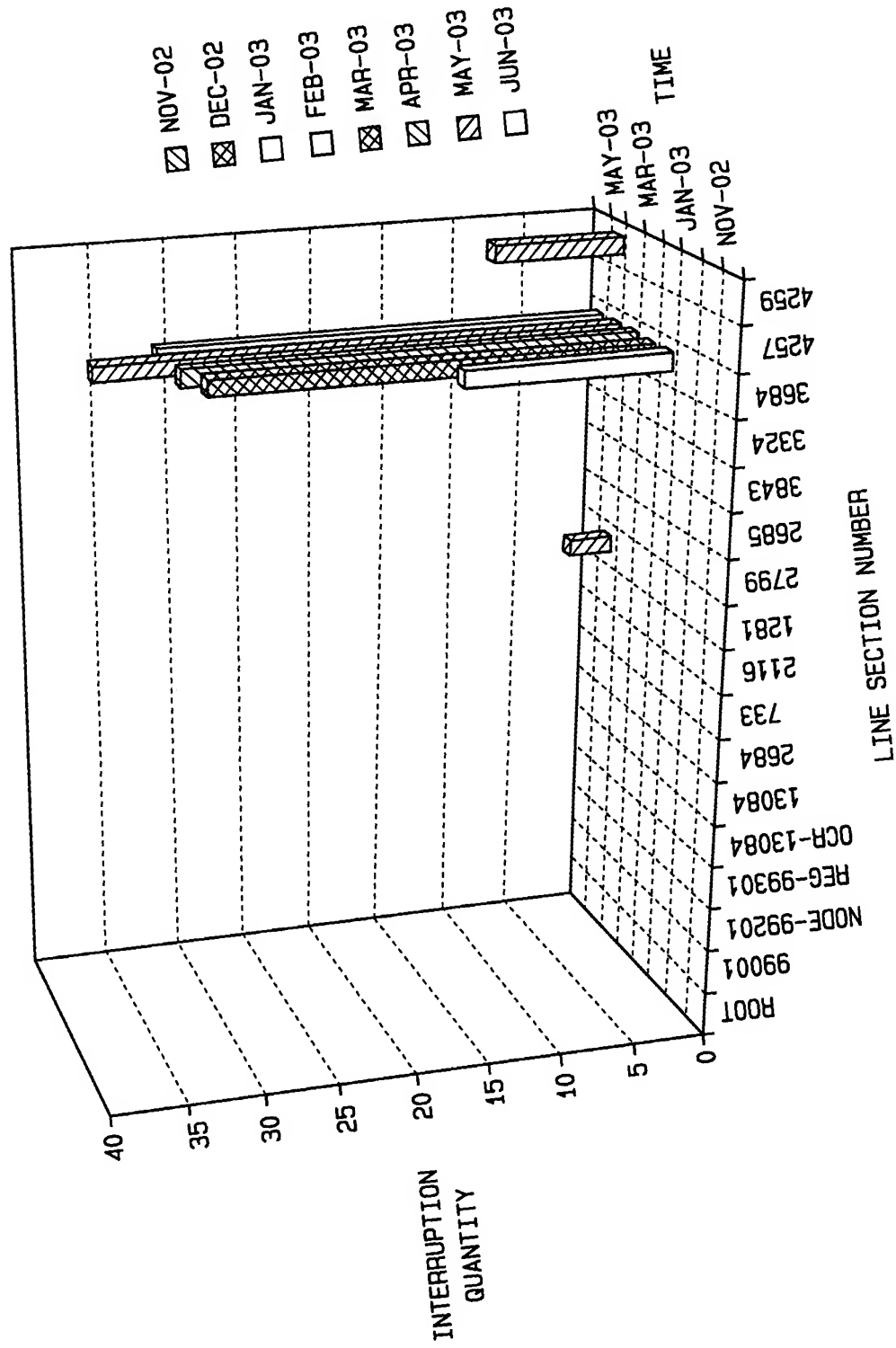


FIG. 5A

INVENTOR: David Haynes
 DN: DCS 8705 US
 Express Mail No. EL 978718876 US

QUALITY OF SERVICE TERRAIN MAP FOR UTILITIES
 Attorney: J. Joseph Muller - (314) 872-8118

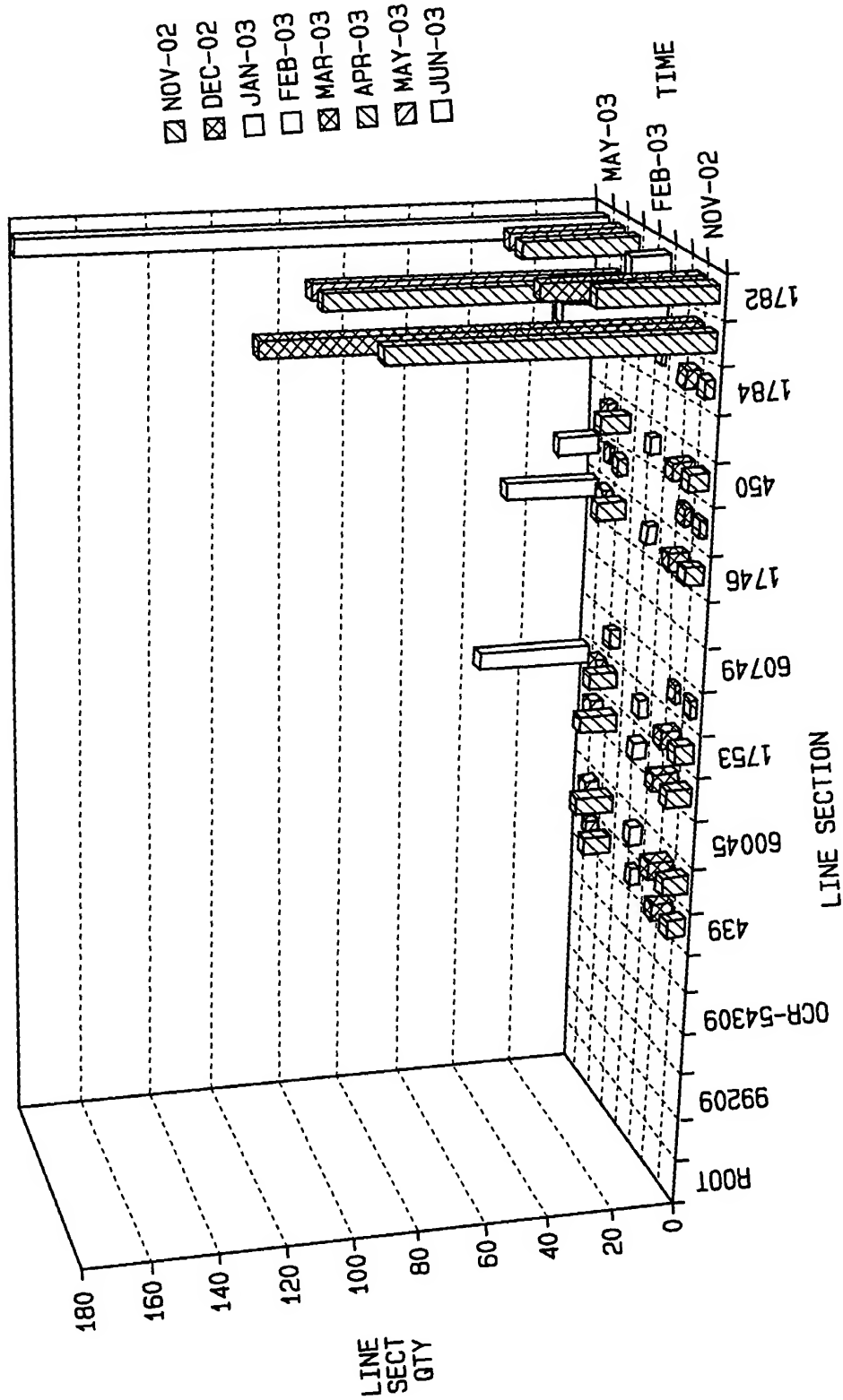


FIG. 5B